

FORM  
2A

Rev  
04/01

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



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Document Number:  
400110255

Oil and Gas Location Assessment

New Location  Amend Existing Location Location#: 332469

Submit original plus one copy. This form is to be submitted to the COGCC prior to any ground disturbance activity associated with oil and gas development operations. This Assessment may be approved as a stand alone application or submitted as an informational report accompanying an Application for Permit-To-Drill, Form 2. Approval of this Assessment will allow for the construction of the below specified location; however, it does not supersede any land use rules applied by the local land use authority. This form may serve as notice to land owners and other interested parties, please see the COGCC web site at <http://colorado.gov/cogcc/> for all accompanying information pertinent to this Oil and Gas Location Assessment.

Location ID:  
**332469**  
Expiration Date:

This location assessment is included as part of a permit application.

1. CONSULTATION  
 This location is included in a Comprehensive Drilling Plan. CDP # \_\_\_\_\_  
 This location is in a sensitive wildlife habitat area.  
 This location is in a wildlife restricted surface occupancy area.  
 This location includes a Rule 306.d.(1)A.ii. variance request.

2. Operator  
Operator Number: 100322  
Name: NOBLE ENERGY INC  
Address: 1625 BROADWAY STE 2200  
City: DENVER State: CO Zip: 80202

3. Contact Information  
Name: MARI CLARK  
Phone: (303) 228-4413  
Fax: (303) 228-4286  
email: mclark@nobleenergyinc.com

4. Location Identification:  
Name: SPAUR USX AB Number: 33-07 TANK  
County: WELD  
Quarter: NWNE Section: 33 Township: 7N Range: 64W Meridian: 6 Ground Elevation: 4867  
Define a single point as a location reference for the facility location. This point should be used as the point of measurement in the drawings to be submitted with this application. When the location is to be used as a well site then the point shall be a well location.  
Footage at surface: 89 feet FNL, from North or South section line, and 2111 feet FEL, from East or West section line.  
Latitude: 40.536540 Longitude: -104.553430 PDOP Reading: 1.6 Date of Measurement: 11/05/2010  
Instrument Operator's Name: BRIAN BRINKMAN

5. Facilities (Indicate the number of each type of oil and gas facility planned on location):  
Special Purpose Pits:  Drilling Pits:  Wells:  Production Pits:  Dehydrator Units:   
Condensate Tanks:  Water Tanks:  Separators:  3 Electric Motors:  Multi-Well Pits:   
Gas or Diesel Motors:  Cavity Pumps:  LACT Unit:  Pump Jacks:  Pigging Station:   
Electric Generators:  Gas Pipeline:  2 Oil Pipeline:  Water Pipeline:  Flare:   
Gas Compressors:  VOC Combustor:  2 Oil Tanks:  4 Fuel Tanks:   
Other: 4 BURIED CEMENT PRODUCED H2O VAULTS, 4 EFMS, 5 - 3 PHASE FLOW LINE. SEE COMMENTS FOR ASSOCIATED WELLS.

6. Construction:

Date planned to commence construction: 01/15/2011 Size of disturbed area during construction in acres: 2.00
Estimated date that interim reclamation will begin: 03/15/2011 Size of location after interim reclamation in acres: 2.00
Estimated post-construction ground elevation: 4867 Will a closed loop system be used for drilling fluids: Yes
Will salt sections be encountered during drilling: Yes No Is H2S anticipated? Yes No
Will salt (>15,000 ppm TDS Cl) or oil based muds be used: Yes No
Mud disposal: Offsite Onsite Method: Land Farming Land Spreading Disposal Facility
Other:

7. Surface Owner:

Name: SPAUR BROTHERS FARMS LLC Phone:
Address: 6683 COUNTY ROAD 38 Fax:
Address: Email:
City: JOHNSTOWN State: CO Zip: 80534 Date of Rule 306 surface owner consultation: 10/28/2010
Surface Owner: X Fee State Federal Indian
Mineral Owner: X Fee State Federal Indian
The surface owner is: the mineral owner committed to an oil and gas lease
is the executer of the oil and gas lease the applicant
The right to construct the location is granted by: oil and gas lease Surface Use Agreement Right of Way
applicant is owner
Surface damage assurance if no agreement is in place: \$2000 \$5000 X Blanket Surety ID 20030012

8. Reclamation Financial Assurance:

Well Surety ID: 20030009 Gas Facility Surety ID: Waste Mgmt. Surety ID:

9. Cultural:

Is the location in a high density area (Rule 603.b.): Yes No X
Distance, in feet, to nearest building: 736 , public road: 75 , above ground utilit: 115
, railroad: 5281 , property line: 89

10. Current Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

11. Future Land Use (Check all that apply):

Crop Land: Irrigated Dry land Improved Pasture Hay Meadow CRP
Non-Crop Land: Rangeland Timber Recreational Other (describe):
Subdivided: Industrial Commercial Residential

12. Soils:

List all soil map units that occur within the proposed location. Attach the National Resource Conservation Service (NRCS) report showing the "Map Unit Description" report listing the soil typical vertical profile. This data is to used when segregating topsoil.

The required information can be obtained from the NRCS web site at <http://soildatamart.nrcs.usda.gov/> or from the COGCC web site GIS Online map page found at <http://colorado.gov/cogcc>. Instructions are provided within the COGCC web site help section.

NRCS Map Unit Name: 56 – RENOHILL CLAY LOAM, 0-3% SLOPES

NRCS Map Unit Name: \_\_\_\_\_

NRCS Map Unit Name: \_\_\_\_\_

### 13. Plant Community:

Complete this section only if any portion of the disturbed area of the location's current land use is on non-crop land.

Are noxious weeds present: Yes  No

Plant species from:  NRCS or,  field observation Date of observation: \_\_\_\_\_

List individual species: \_\_\_\_\_

Check all plant communities that exist in the disturbed area.

- Disturbed Grassland (Cactus, Yucca, Cheatgrass, Rye)
- Native Grassland (Bluestern, Grama, Wheatgrass, Buffalograss, Fescue, Oatgrass, Brome)
- Shrub Land (Mahogany, Oak, Sage, Serviceberry, Chokecherry)
- Plains Riparian (Cottonwood, Willow, Aspen, Maple, Poplar, Russian Olive, Tamarisk)
- Mountain Riparian (Cottonwood, Willow, Blue Spruce)
- Forest Land (Spruce, Fir, Ponderosa Pine, Lodgepole Pine, Juniper, Pinyon, Aspen)
- Wetlands Aquatic (Bullrush, Sedge, Cattail, Arrowhead)
- Alpine (above timberline)
- Other (describe): \_\_\_\_\_

### 14. Water Resources:

Rule 901.e. may require a sensitive area determination be performed. If this determination is performed the data is to be submitted with the Form 2A.

Is this a sensitive area:  No  Yes Was a Rule 901.e. Sensitive Areas Determination performed:  No  Yes

Distance (in feet) to nearest surface water: 72, water well: 1460, depth to ground water: 135

Is the location in a riparian area:  No  Yes Was an Army Corps of Engineers Section 404 permit filed  No  Yes

Is the location within a Rule 317B Surface Water Suppl Area buffer zone:

No  0-300 ft. zone  301-500 ft. zone  501-2640 ft. zone

If the location is within a Rule 317B Surface Water Supply Area buffer have all public water supply systems within 15 miles been notified:  No  Yes

### 15. Comments:

PERMIT # 218505 USED FOR STATIC H2O LEVEL; LOCATED APPROX. 1810' E OF SITE. NEAREST RAILROAD IS GREATER THAN 1 MILE. THIS PROPOSED TANK BATTERY WILL BE LOCATED ADJACENT TO AN EXISTING PDC PRODUCTION FACILITY . ASSOCIATED EXISTING EQUIPMENT = 2 TANKS, 2 H2O VAULTS, 2 GAS PIPELINES, 3 3 PHASE FLOW LINES, 1 SEPARATOR, 1 VOC COMBUSTOR & 2 EF,'S. ADDING EQUIPMENT = 2 TANKS, 2 H2O VAULTS, 2 SEPARATORS, 2 EFMS, 2 3 PHASE FLOW LINES, & 1 VOC = TOTALS IN FACILITIES & CONSTRUCTION #1. EXISTING ASSOCIATED WELLS = (PDC) CHRISTIAN 31-33, 41-33 & 42-33. NEW WELLS = SPAUR USX AB33-07 & 33-17. CROP IS ALFALFA HAY

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct and complete.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_ Email: mclark@nobleenergyinc.com

Print Name: MARI CLARK Title: REG. ANALYST II

Based on the information provided herein, this Application for Permit-to-Drill complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: \_\_\_\_\_ Director of COGCC Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY:**

**All representations, stipulations and conditions of approval stated in this Form 2A for this location shall constitute representations, stipulations and conditions of approval for any and all subsequent operations on the location unless this Form 2A is modified by Sundry Notice, Form 4 or an Amended Form 2A.**

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**Attachment Check List**

Att Doc Num	Name
400112418	LOCATION PICTURES
400112420	LOCATION DRAWING
400112421	HYDROLOGY MAP
400112422	ACCESS ROAD MAP
400112423	NRCS MAP UNIT DESC
400112424	PROPOSED BMPs

Total Attach: 6 Files

**General Comments**

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)

**BMP**

<u>Type</u>	<u>Comment</u>

Total: 0 comment(s)